AEE/SSD/SBA/00033/2021 dt. 27/11/2020

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487519

Serial No. 1st & Final

Name of work ..Improvements of Ravindra Nagar.... From ..... To School in Ward No 13

Name of Contractor of nature of Agency..Shettyhalli Sub. Division.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost :-	50.00 lakhs					
	Work order :-	EE/DD/WO/46/2019-20					
	Name of Agency :-	~~The Technical Manager~~ B.J. KUMARA KREDL					
	Job code :	013-20-000008.					
	A-S	EE/DD/AS/98/2019-20				Dated : 17/06/19.	
	T-S	SE/D2/018/2018-19				Dated : 02/02/19.	

MEASUREMENT BOOK

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
	Number	Length	Breadth / Depth		
2	3	4	5 / 6	7	8
Earth work excavation for foundation of building water sanitary line and electrical conduct					
providing and laying plain cement concrete of mix 1:3:6					
providing and constructing Granite stone/ rubble 5:3 stone masonry with cement mortar 1:6 stone hammer dressed					
providing raked pointing to coursed stone masonry -					
Filling available excavated earthy (Excluding rock) in sides					
providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340 kg/cum.					
providing and laying cement concrete of design mix M20 with OPC cement @ 240 kgs with 12 mm down size Jelly					

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487520

Serial No.

Name of work ..... From ..... C.P. to ..... Date ..... Qty

Unit ..... Qty ..... Rate ..... Name of Contractor or name of Agency ..... Qty ..... Amount

Date ..... Qty ..... Rate ..... Date of commencement of work ..... Qty ..... Amount

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
			Number	Length	Breadth / Depth		
1	2		3	4	5 / 6	7	8
Cum	91.86	400.00	36764.00	91.86		36744.00	
Cum	31.95	6500.00	207675.00	31.95		207675.00	
CUM	58.68	6000.00	352080.00	58.68		352080.00	
Sqm	25.74	125.00	5925.00	25.74		3217.50	
Cum	91.86	150.00	13779.00	91.86		13779.00	
Cum	67.97	8000.00	5,43,760.00	67.97		5,43,760.00	
Sqm	2.88	500.00	1440.00	2.88		1440.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) providing T.M.T steel reinforcement for R.C.C. work including straightening cutting bending hooks						
	9) providing removing centring and shuttering shuttering						
	10) providing removing centring and shuttering propping etc						
	11) providing removing centring and shuttering for chajja						
	12) providing removing and shuttering for Roof landing etc.						
	13) proving and removing cutting shutter for staircase etc.						
	14 providing and construction load bearing wall with solid concrete block in S.Y.M. 400x200x200						
	15, providing 18 mm three coat plastering in Style coat C.M.1:3						
	16) providing 20 mm three plastering in Style coat in C.M.1:3						
	17) providing 12 mm three plastering in Style coat in C.M.1:3						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487521

Serial No. .....

Name of work Proposed qtrs From Up to date qty To .....

Name of Contractor or nature of Agency Rate Amount Qty Amount .....

Date of commencement of work .....

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	SQM	98.15	600.00	58890.00	98.15	58890.00		
	SQM	142.40	400.00	56960.00	142.40	56960.00		
	SQM	3.78	400.00	1512.00	3.78	1512.00		
	SQM	196.00	650.00	127400.00	196.00	127400.00		
	SQM	8.08	525.00	4242.00	8.08	4242.00		
	SQM	458.38	1100.00	504418.00	458.00	504418.00		
	SQM	677.88	200.00	135576.00	677.88	135576.00		
	SQM	90.48	210.00	19000.80	90.48	19000.80		
	SQM	230.14	200.00	46028.00	230.14	46028.00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	18) providing lime rendering for plaster to walls and ceiling including cost of materials						
	19) providing and applying two coats of wall putty to inside plastered walls and ceiling using cuft putty						
	20) providing and applying paint two coats with plastic emulsion						
	21) providing and finishing external walls in two coats with water proof cement paint						
	22) providing white seal wood frames of doors windows						
	23) providing and fixing in position fully panelled make/floor wood shutter for doors						
	24) providing and fixing M.S. Grills works for windows & ventil						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487522

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sqm	908.02	20.00	18160.40	908.02		18160.40	
Sqm	908.02	50.00	45401.00	908.02		45401.00	
Sqm	677.88	90.00	61009.20	677.88		61009.20	
Sqm	90.48	90.00	8143.20	90.48		8143.20	
Cum	0.40	70000.00	28000.00	0.40		28000.00	
Sqm	9.24	2000.00	18480.00	9.24		18480.00	
Kg	362.88	80.00	29030.00	362.88		29030.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	25) providing and fixing special make glazed vertified tiles (Boanonite finish) of approved make						
	26) providing and fixing ceramic tiles 400x400 mm. for flooring						
	27) providing and fixing M.S Hand railing for Balcony with 50mm						
	28) providing fabricating assembling and fixing in position alluminium mat finish or Glossy finish outer frame						
	29) Applying priming coat over new wood surface/wood based Surface.						
	30) providing and apply paint two coats on new wood surface						
	31) providing and laying Integrated cement based water proofing treatment						
	32) GI bended wire fencing 1.2 m high providing and fixing						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487523

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency, if any .....

Unit ..... Date of commencement of work .....

Sl. No.	Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
				Number	Length	Breadth / Depth		
1		2		3	4	5 / 6	7	8
		197.40	850.00	1	167790.00	197.40	1,67,790.00	
Sqm.		18.72	800.00		14976.00	18.72	14976.00	
Sqm		16.90	2000.00		33800.00	16.90	33800.00	
Sqm.		17.28	6000.00		103680.00	17.28	103680.00	
Sqm		9.24	40.00		369.60	9.24	369.60	
Sqm		9.24	90.00		831.60	9.24	831.60	
Sqm		91.79	850.00		78021.50	91.24	78021.50	
Mtr		00.00	200.00		0.00	0.00	0.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
33	Fabricating, providing and erecting in position Hot dip galvanised Gate using 72x72x4.5mm size GI pipe frame						
34	Geophysical Investigation of site for survey of borewell						
35	Sinking of borewell of 165 mm dia cleaning Supersonic Medium rig 250 psig and above 900 CMF.						
	0.00 to 50.00 mtr	-	-				
36	50.00 to 100.00	-	-				
37	100.00 to 150.00	-					
38	150.00 to 200.00	-	-				
39	200.00 to 250.00	-	-				
40	250.00 to 300.00	-	-				
41	300.00 to 350.00	-	-				

M. A. R. 57 (Rule 116) No. E 487524
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Unit	Progressive Qty		Rate	Amount	up to date Qty		Amount	

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement
				Number	Length	Breadth	Depth		
1	2			3			6		8
SQM	13.75	2	7000.00	3	96250.00	13.75		96,250.00	
each	1.00		2000.00		2000.00	1.00		2000.00	
Mtr	50.00		350.00		17500.00	50.00		17,500.00	
Mtr	50.00		700.00		35000.00	50.00		35,000.00	
Mtr	50.00		750.00		37500.00	50.00		37,500.00	
Mtr	50.00		800.00		40.000.00	50.00		40.000.00	
Mtr	50.00		950.00		47500.00	50.00		47,500.00	
Mtr	50.00		800.00		40.000.00	50.00		40,000.00	
Mtr	50.00		400.00		20.000.00	50.00		20,000.00	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487525

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Brought forward					Qty Amount	
Unit	Rate						
RMt	~~42.00~~ 1375.00		57750.00	42.00		57750.00	
RMt	6.00	1200.00	7200.00	6.00		7200.00	
each	1.00	100.00	100.00	1.00		100.00	
NOS	7.00	150.00	1050.00	7.00		1050.00	
NOS	1.00	90000.00	90000.00	1.00		90000.00	
RMt	260.00	650.00	169000.00	260.00		169000.00	
each	27.00	225.00	6075.00	27.00		6075.00	
RMt	285.00	175.00	49875.00	285.00		49875.00	

42 Supply of ISI Mark 175 mm nominal bore medium black ERW casing pipes

43 providing and fixing 250 mm dia PVC pipe and aspro specking,

44 175 mm dia MS casing cap.

45 Supply 175 mm MS ~~collar~~ cap

46 supply and delivery at site brand new texmo/jmmoval/ lubi/ calamal/ waterman/ Radha/ make suitable ~~4~~ deepwell submersible pumpset

47 providing and laying & joints. CI pipes confirm to IS 5immhi. pipe

48 collar.

49 Supply and drawing 3 core PVC sheathed submissible pump cable

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	50) Supplying and delivery at site board mcco/essay/Lokus Adarsh/GK. control best Indigenous make Combibloc Energy meter cum control panel board.						
	51) Fabricating supplying and mounting M.S. box of 16 SWG Suitable for Floor/wall mounting fully weather proof						
	52) providing and fixing of chain set and box wall cap to the pipe						
	53) Supplying and delivery new best make from reputed make valve of size 50 mm						
	54) Supplying and delivery new best make Gatevalve 50mm						
	55) providing and fixing of 50mm GI short bend.						
	56) Providing and fixing 50 mm GI unions						
	57) Supplying and fixing of 50 mm GI elbow						
	58) Labour charge for Erecting of new/repaired submersible pump set for Leach Lifting						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487526

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
NOS	1.00	21000.00	21000.00	1.00		21000.00	
Sq cm	2200	0.30	6600.00	28000.00		6600.00	
NO	1.00	2000.00	2000.00	1.00		2000.00	
NO	2.00	1100.00	2200.00	2.00		2200.00	
NO.	4.00	1500.00	6000.00	4.00		6000.00	
NO	2.00	250.00	500.00	2.00		500.00	
NO	2.00	250.00	500.00	2.00		500.00	
NO	1.00	250.00	250.00	1.00		250.00	
#	52.00	75.00	3900.00	52.00		3900.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
59	Erection of combined panel board meter board						
60	supplying and fixing miniature circuit/isolated in existing MS						
61	Supplying and Laying LTUG cable						
62	Digging of trench of 0.60m 0.90 mts wide refilling the trench						
63	Supplying and fixing class-A GI pipe						
64	supplying and fixing wiring earth electrode for board circuit						
65	supplying and fixing LT cast iron pipe						
66	Supplying strut capacitor 3phase 400/440/grade						
67	providing and fixing Gun metal Gate valve						
68	Supplying and fixing PVC wooden board						

M. A. R. 57 (Rule 116) No. E 487527
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
NO	1.00	475.00	475.00	1.00		475.00	
NO	1.00	900.00	900.00	1.00		900.00	
Mtr	35.00	125.00	4375.00	35.00		4375.00	
Mtr	35.00	25.00	875.00	35.00		875.00	
Mtr	3.00	150.00	450.00	3.00		450.00	
NO	1.00	1500.00	1500.00	1.00		1500.00	
NO	1.00	150.00	150.00	1.00		150.00	
NO	1.00	1000.00	1000.00	1.00		1000.00	
NO	2.00	500.00	1000.00	2.00		1000.00	
NO	1.00	300.00	300.00	1.00		300.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
69	earth work excavation for foundation & building work Supply, sanitary lines and electrical conduits						
70)	providing and fixing chlorinated poly vinyl (cPVC) pipe 40 mm						
71	providing and fixing chlorinated poly vinyl (cPVC) pipe 25 mm						
72	providing and fixing chlorinated poly vinyl (cPVC) pipes 20mm						
73)	providing and fixing brass Gate valve						
74	providing and fixing brass bib cock						
75)	Supply of 40mm dia Elbows						
76	supply of 25 mm dia elbows						
77	Supply of 40 mm dia Unions						
78	Supply of 25 mm dia Unions						
79	Supply of 25 mm dia Nipple						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487528

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8
Cum	25.60	250.00	6400.00	25.60		6400.00	
RMT	40.00	250.00	10000.00	40.00		10000.00	
RMT	4.50	160.00	720.00	4.50		720.00	
RMT	1.80	150.00	270.00	1.80		270.00	
each	1.00	800.00	800.00	1.00		800.00	
NO	4.00	100.00	700.00	4.00		400.00	
NO	4.00	60.00	420.00	4.00		420.00	
NO	7.00	30.00	210.00	7.00		210.00	
NO	4.00	150.00	1050.00	7.00		1050.00	
NO	4.00	60.00	420.00	4.00		420.00	
NO	7.00	30.00	210.00	7.00		210.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
80	supply of 25 mm dia R. elbow.						
81	supply of 25 mm dia R Socket						
82	supply of 40 mm dia Tee						
83	providing and laying spreading and compacting coarse stone						
84	providing and laying P.C.C 1:3:6						
85	providing and laying cement concrete using 20 mm and down size granite coarse aggregate.						
86	Filling excavated earth around pipeline cable in						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
NMS	7.00	100.00	700.00	7.00		700.00	
CUM	3.20	1500.00	4800.00	3.20		4800.00	
CUM	3.20	4500.00	14400.00	3.20		14400.00	
CUM	4.80	5000.00	24000.00	4.80		24000.00	
CUM	12.80	150.00	1920.00	12.80		1920.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
87,	KPTCL Deposit						
	Certificate:						
	1) certified that the contractor has work done satisfactorily						
	2) Certified that the contractor has removed the debris from work site						
	3) Certified that there is no departmental issues made by Contractor.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬಿಪಿಟಿಸಿಎಲ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಮೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

. R. 57 (Rule 116) No. E
easurement Book

487530

Serial No. .....
Name of work .....
Name of Contractor of nature of Ag .....
Date of commencement of work .....

om ..... To .....

L/S

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						13300.00	
						4156075.20	
					Add GST 12%	498729.02	
						46,54,804.22	

Audited and admitted for Rs. 4654804=00
Passed by Cheque for Rs. 4469331=00
Forty four thousand three hundred thirty one rupees
by adjustment Rs. 185473=00

Accounts Superintendent
B.B.M.P. Dasarahalli Division

Exe. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬಿಪಿಟಿಸಿಎಲ್ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಮೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Received 19/11/2022